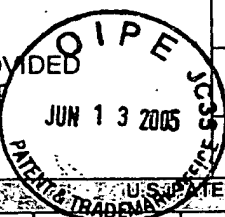


FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH1396 N (US)APPLICATION NUMBER  
09/992,784LIST OF INFORMATION PROVIDED  
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APPLICANT  
John R. LockemeyerFILING DATE  
November 6, 2001GROUP ART UNIT  
1725

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
CAT	AA	4,797,270	1/89	Alvarado Cendan et al	423	625	
	AB	4,361,504	11/82	Solomon et al	252	463	
	AC	4,366,092	12/82	Winterton	252	476	
	AD	4,810,689	3/89	Hayden	502	347	
	AE	4,186,106	1/80	Rebsdat et al.	252	414	
	AF	4,125,480	11/78	Maxwell	252	414	
CAT	AG	5,545,603	8/96	Kemp	502	347	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
CAT	AL	56164013	12/81	Japan (Abstract)	C01F7/02			
	AM	211,521	2/87	EP	B01J	23/66		
	AN	563,414 A1	10/93	EP	B01J	23/52		
	AO	568,978	1/46	GB				
	AP	2,005,978	10/69	France (Abstract)	B01J	11/00		
	AQ	96/23585	8/96	WO	B01J	23/66		
CAT	AR	96/41848	12/96	WO	C10G	45/08		

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CAT	AS	Brunauer, S., Emmett, P. Y. and Teller, E., J. Am. Chem. Soc., 60, 309-16 (1938).
	AT	

## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

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## REFERENCE DESIGNATION

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
CAT	AA	4,212,772	7/80	Mross et al	252	476	
	AB	6,103,916	8/00	Takada et al	549	534	
	AC	4,628,129	12/86	Bartley	568	864	
	AD	4,379,134	4/83	Weber et al	423	626	
	AE	4,361,504	11/82	Solomon et al	252	463	
	AF	4,356,312	10/82	Nielsen et al	549	534	
CAT	AG	6,281,160	8/01	Basset et al	502	332	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
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CAT	AL	56105750	8/81	Japan (Abstract)	B01J	23/66		
	AM	0937498 A1	8/99	EP	B01J	23/66		
	AN	716,884	6/96	EP	B01J	23/66		
	AO	95/11953	5/95	WO	C10G	45/54		
CAT	AP	86/06063	10/86	WO	C07C	45/33		
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## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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FORM PTO-1449 (Modified)  <b>LIST OF INFORMATION PROVIDED BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. TH1396 N (US)	APPLICATION NUMBER 09/992,784
	APPLICANT John R. Lockemeyer	
	FILING DATE November 6, 2001	GROUP ART UNIT 1725

REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
CAJ	AA	5,935,894	8/99	Kanazirev	502	341	
	AB	4,665,048	5/87	Van Leeuwen et al	502	221	
	AC	4,797,279	1/89	Karamata et al	424	93	
	AD	5,374,748	12/94	Rizkalla	549	534	
	AE	4,361,500	11/82	Mathe et al	252	430	
	AF	3,972,829	8/76	Michalko	252	430	
CAJ	AG	4,005,049	1/77	Fields	252	467	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No
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John R. LockemeyerFILING DATE  
November 6, 2001GROUP ART UNIT  
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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
CAJ	AA	4,908,343	3/90	Bhasin	502	218	
	AB	4,797,270	1/89	Cendan et al	423	625	
	AC	4,366,092	12/82	Winterton	252	476	
	AD	4,367,167	1/83	Lee et al	252	472	
	AE	4,810,689	3/89	Hayden	502	347	
	AF	4,186,106	1/80	Rebsdat et al	252	414	
CAJ	AG	4,125,480	11/78	Maxwell	252	414	

## FOREIGN PATENT DOCUMENTS

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## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

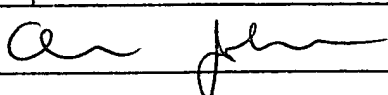
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	<b>APPLICANT</b> John R. Lockemeyer	
	<b>FILING DATE</b> November 6, 2001	<b>GROUP ART UNIT</b> 1725

U.S. PATENT DOCUMENTS							
REFERENCE DESIGNATION	Examiner Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CAJ	AA 4,886,917	12/89	Knopf et al	568	623	
		AB 5,057,481	10/91	Bhasin	502	208	
		AC 2,901,441	8/59	Waterman	252	463	
		AD 5,734,068	3/98	Klopries et al	549	536	
		AE 5,668,077	9/97	Klopries et al	502	347	
		AF 4,874,739	10/89	Boxhoorn	502	218	
	CAJ	AG 4,916,243	4/90	Bhasin et al	549	534	

FOREIGN PATENT DOCUMENTS							
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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
CAJ	AA	5,387,751	2/95	Hayden et al	549	534	
	AB	5,364,826	11/94	Kemp	502	315	
	AC	5,380,885	1/95	Kemp	549	536	
	AD	5,418,202	5/95	Evans et al	502	348	
	AE	5,447,897	9/95	Kemp	502	303	
	AF	5,486,628	1/96	Kemp	549	536	
CAJ	AG	5,597,773	1/97	Evans et al	502	348	

FOREIGN PATENT DOCUMENTS							
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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
AJ	AA	5,663,385	9/97	Kemp	549	536	
	AB	5,100,859	3/92	Gerdes et al	502	439	
	AC	5,055,442	10/91	Osaka et al	502	439	
	AD	5,037,794	8/91	Magistro	502	355	
	AE	4,994,588	2/91	Kapicak et al	549	534	
	AF	4,994,589	2/91	Noterman	549	534	
CAS	AG	5,112,795	5/92	Minahan et al	502	324	

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## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
GAJ	AA	5,380,697	1/95	Matusz et al	502	348	
	AB	4,532,231	7/85	Johnson	502	347	
	AC	4,382,149	5/83	Krueger	568	473	
	AD	5,179,057	1/93	Bartley	502	170	
	AE	5,189,004	2/93	Bartley	502	170	
	AF	5,157,180	10/92	West et al.	585	313	
CAJ	AG	4,420,420	12/83	Mita et al.	502	261	

## FOREIGN PATENT DOCUMENTS

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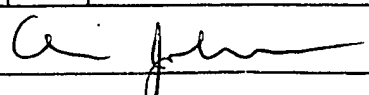
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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
CAJ	AA	3,895,093	7/75	Weidenbach et al	423	213.5	
	AB	4,235,798	11/80	Bartley et al	260	449	
CAJ	AC	4,244,889	1/81	Bartley et al	564	132	
	AD						
	AE						
	AF						
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